

Grinders and Surface Preparation Tools

G-Series

Engineered and built with Ingersoll Rand reliability and durability, the G-Series has the features operators want most, including ergonomic D-shaped handle for operator comfort, one-nut access for easy motor servicing, and changeable front / rear exhaust for versatility.



G1H250RG4

- ▶ 0.4-hp motor
- ▶ Ideal for light material removal
- ▶ Low noise and vibration
- ▶ Air inlet is 1/4" NPT and recommended hose size is 3/8"



G2E135RP64

- ▶ 0.8-hp motor
- ▶ Great for general finishing work
- ▶ Extended-angle configuration
- ▶ Air inlet is 1/4" NPT and recommended hose size is 3/8"



G3A100RP106

- ▶ 1.35-hp motor
- ▶ Well equipped for heavier material removal
- ▶ Vibration-reducing handle
- ▶ Internal contamination-free air controller
- ▶ Air inlet is 3/8" NPT and recommended hose size is 1/2"

Model	Configuration	Rated Power hp	Free Speed rpm	Exhaust	Output	Wheel Type	Weight lb (kg)	Overall Length in (mm)	Height Over Spindle End in (mm)	Airflow cfm
G-SERIES										
G1A200RG4	Horizontal	0.4	20,000	Rear	1/4" collet	N/A	1.1 (0.5)	6" (152)	3" (76)	25
G1H250RG4	Horizontal	0.4	25,000	Rear	1/4" collet	N/A	0.9 (0.4)	6.13" (155)	N/A	20
G2H250RG4	Horizontal	0.8	25,000	Rear	1/4" collet	N/A	1.6 (0.7)	7.38" (187)	N/A	36
G2H180RG4	Horizontal	0.8	18,000	Rear	1/4" collet	N/A	1.6 (0.7)	7.38" (187)	N/A	36
G2E135RP64	Extended angle	0.8	13,500	Rear	3/8"-24 thread, 4" guard	27, 28	3 (1.3)	10.38" (263)	2.63" (66)	36
G3A120RP105	Angle	1.35	12,000	Rear	5/8"-11 thread, 5" guard	27, 28	4.7 (2.1)	9.63" (244)	3.63" (92)	55
G3A120RP1045	Angle	1.35	12,000	Rear	5/8"-11 thread, 4.5" guard	27, 28	4.6 (2)	9.63" (244)	3.63" (92)	55
G3A100RP106	Angle	1.35	10,000	Rear	5/8"-11 thread, 6" guard	27, 28	4.9 (2.2)	9.63" (244)	3.63" (92)	33

Performance figures are at 90 psi (6.2 bar) air pressure.

Pro-Series™

Designed for the heaviest-duty applications, our Pro-Series grinders deliver superior performance by removing up to 25 percent more material while reducing air consumption by up to one-third over competitive models. The patented stainless-steel motor controller is maintenance-free with the industry's only lifetime guarantee.



77A60P109

- ▶ 1.5-hp motor
- ▶ Low-profile angle head for close-quarter applications
- ▶ Air inlet is 3/8" NPT and recommended hose size is 1/2"



88S60W107

- ▶ 2-hp motor
- ▶ 7" back-up pad
- ▶ Air inlet is 1/2" NPT and recommended hose size is 3/4"



99V60S106

- ▶ 3-hp motor
- ▶ Air inlet is 1/2" NPT and recommended hose size is 3/4"

Model	Configuration	Rated Power hp	Free Speed rpm	Standard Spindle	Guard Size	Wheel Type	Weight lb (kg)	Height Over End Of Spindle in (mm)	Side To Center Distance Of Spindle in (mm)	cfm
PRO SERIES										
77A60P109	Angle	1.5	6,000	5/8" - 11 thread	9"	27, 28	9.19 (4.17)	3.88" (98)	1.31" (33.4)	39
88V60P107	Vertical	2.0	6,000	5/8" - 11 thread	7"	27, 28	8.75 (3.97)	6.09" (154.9)	2.13" (54)	61
88S60W107	Vertical	2	6,000	5/8" - 11 thread	7"	N/A	7.13 (3.23)	6" (152.4)	2.13" (54)	61
99V60S106	Vertical	3	6,000	5/8" - 11 thread	6"	6, 11	10.75 (4.88)	6.88" (174.6)	2.31" (58.7)	84
99V60P109	Vertical	3	6,000	5/8" - 11 thread	9"	27, 28	1.94 (0.88)	6.88" (174.6)	2.31" (58.7)	84

Performance figures are at 90 psi (6.2 bar) air pressure.

Type 27 and 28 Wheel Accessories

Description	77A Series	88V Series	99V Series
6" type 6 or 11 cup wheel guard	N/A	88V60-A216	99V60-A216A
Piped-away exhaust kit	N/A	88V60-K184	99V60-K184
Wheel retaining screw wrench	88V-562	88V-562	88V-562
Controller wrench	77H-950	88V60-950	99V60-950
Comfort grips	N/A	CG-88V	CG-99V

For use with Type 27 plain-hole depressed center wheels.

Type 6 and 11 Wheel Accessories

Description	88V Series	Series 99V
7" type 27 wheel guard	88V60-106-7	99V77-106-7
9" type 27 wheel guard	88V60-106-9	99V60-106-9
7" and 9" type 27 wheel adapter kit*	R3F-AS337	R3F-AS337
Piped-away exhaust kit	88V60-K184	99V60-K184
Wheel retaining screw wrench	88V-562	88V-562
Controller wrench	88V60-950	99V60-950
Comfort grips	CG-88V	CG-99V

*For use with Type 27 plain-hole depressed center wheels.



Carbide Burr Kits

Part Number	Description	Contents
1438TIN	6-piece carbide burr kit	6-TiN coated carbide burrs — 1/4" shank with assorted 3/8" head diameter burrs with soft-sided case
614TIN	6-piece carbide burr kit	6-TiN coated carbide burrs — 1/4" shank with assorted 1/2" and 3/8" head diameter burrs with soft-sided case
1412TIN	6-piece carbide burr kit	6-TiN coated carbide burrs — 1/4" shank with assorted 1/2" head diameter burrs with soft-sided case
814TIN	8-piece carbide burr kit	8-TiN coated carbide burrs — 1/4" shank with assorted 1/2" and 3/8" head diameter burrs includes hard case

For more accessories, please visit irtools.com.

Quick Change Backer Pads

Part Number	Description
02A-MEDPD	2" medium holder pad — 1/4" mandrel
03A-MEDPD	3" medium holder pad — 1/4" mandrel

Quick Change Surface Prep Discs

Part Number	Description
INDUSTRIAL PACKS (FLAP-TOP BOX)	
15A-CRSBR-50	1-1/2" surface prep disc — coarse, brown
15A-MEDBR-50	1-1/2" surface prep disc — medium, maroon
15A-VFNBR-50	1-1/2" surface prep disc — very fine, blue
02A-CRSBR-50	2" surface prep disc — coarse, brown
02A-MEDBR-50	2" surface prep disc — medium, maroon
02A-VFNBR-50	2" surface prep disc — very fine, blue
03A-CRSBR-25	3" surface prep disc — coarse, brown
03A-MEDBR-25	3" surface prep disc — medium, maroon
03A-VFNBR-25	3" surface prep disc — very fine, blue
AUTOMOTIVE PACKS (SMALLER QUANTITY FLIP-TOP BOXES)	
02A-CRSBR-25	2" surface prep disc — coarse, brown
02A-MEDBR-25	2" surface prep disc — medium, maroon
02A-VFNBR-25	2" surface prep disc — very fine, blue
03A-CRSBR-10	3" surface prep disc — coarse, brown
03A-MEDBR-10	3" surface prep disc — medium, maroon
03A-VFNBR-10	3" surface prep disc — very fine, blue
02A-036AO-25	2" AO Series sanding disc — 36 grit
02A-050AO-25	2" AO Series sanding disc — 50 grit
03A-036AO-25	3" AO Series sanding disc — 36 grit
03A-050AO-25	3" AO Series sanding disc — 50 grit